

Applicant : Ioana M. Danciu
Serial No. : 09/644,136
Filed : August 22, 2000
Page : 2 of 5

Attorney's Docket No.: 07844-423001 / P387

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1-8. Cancelled.

9. (Previously presented) A computer implemented method for selecting a rendering intent, the method comprising:

receiving a source color image having colors within a source color gamut;

receiving a plurality of rendering intents, wherein each rendering intent defines a mapping of colors from the source color gamut to a destination color gamut;

generating a plurality of rendered images by rendering the received image according to the plurality of rendering intents;

generating a plurality of difference images from the plurality of rendered images and a reference image;

simultaneously previewing the plurality of difference images; and

selecting a rendering intent by receiving from a user a selected difference image from the plurality of simultaneously previewed difference images.

10. (Original) The method of claim 9, wherein the step of simultaneously previewing a plurality of rendered images comprises simultaneously displaying them on a monitor.

11. (Original) The method of claim 9, wherein the step of simultaneously previewing a plurality of rendered images comprises simultaneously printing them on a single sheet of paper.

12. (Original) The method of claim 9, wherein the reference image is another rendered image.

Applicant : Ioana M. Danciu
Serial No. : 09/644,136
Filed : August 22, 2000
Page : 3 of 5

Attorney's Docket No.: 07844-423001 / P387

13. (Original) The method of claim 9, wherein the reference image is the source color image.

14. (Original) The method of claim 9, wherein a difference image is obtained by subtracting the reference image from a rendered image.

15. (Original) The method of claim 9, wherein a difference image is obtained by calculating the least squares difference between a rendered image and the reference image.

16. (Original) The method of claim 9, wherein a difference image is obtained by representing the differences between a rendered image and the reference image as a topographical map.

17. (Original) The method of claim 16, wherein the contours of the topographical map are represented as colors.

18. (Previously presented) A computer program product, stored on a machine-readable medium, comprising instructions operable to cause a programmable processor to:
receive a source color image having colors within a source color gamut;
receive a plurality of rendering intents, wherein each rendering intent defines a mapping of colors from the source color gamut to a destination color gamut;
generate a plurality of rendered images by rendering the received image according to the plurality of rendering intents;
generate a plurality of difference images from the plurality of rendered images and a reference image;
simultaneously preview the plurality of difference images; and

Applicant : Ioana M. Danciu
Serial No. : 09/644,136
Filed : August 22, 2000
Page : 4 of 5

Attorney's Docket No.: 07844-423001 / P387

select a rendering intent by receiving from a user a selected difference image from the plurality of simultaneously previewed difference images.

19. (New) The computer program product of claim 18, wherein the reference image is another rendered image.

20. (New) The computer program product of claim 18, wherein the reference image is the source color image.

21. (New) The computer program product of claim 18, wherein the instruction to generate a plurality of difference images from the plurality of rendered images and a reference image further comprises instructions to subtract the reference image from each of the plurality of rendered images.

22. (New) The computer program product of claim 18, wherein the instruction to generate a plurality of difference images from the plurality of rendered images and a reference image further comprises instructions to calculate the least squares difference between the reference image and each of the plurality of rendered images.

23. (New) The computer program product of claim 18, wherein the instruction to generate a plurality of difference images from the plurality of rendered images and a reference image further comprises instructions to represent the difference image as a topographical map.